

We claim:

1. A method for handing over an active call between a first call device and a second call device comprising the steps of:
  - 5 automatically detecting call hand-over threshold for said first call device;
  - selecting said second call device from a set of previously defined target hand-over devices; and
  - establishing a connection to said second call device upon acceptance of said call by said second call device.
- 10 2. The method of claim 1 wherein said first call device is a non-WLAN device.
3. The method of claim 1 wherein said first call device is a WLAN device.
4. The method of claim 2 wherein said non-WLAN device is a cellular telephone.
5. The method of claim 2 wherein said non-WLAN cellular telephone device uses 3G air interface technology.
- 15 6. The method of claim 2 wherein said non-WLAN cellular telephone device uses TDMA air interface technology.
7. The method of claim 2 wherein said non-WLAN cellular telephone device uses GSM air interface technology.
8. The method of claim 2 wherein said non-WLAN cellular telephone device
  - 20 uses CDMA air interface technology.
9. The method of claim 2 wherein said non-WLAN cellular telephone device uses UMTS technology.
10. The method of claim 2 wherein said non-WLAN device is an office wireline telephone.
- 25 11. The method of claim 3 wherein said WLAN device is a Personal Digital Assistance (PDA).
12. The method of claim 1 wherein said first call device supports both WLAN and non-WLAN communications.
13. The method of claim 1 wherein said second call device supports both WLAN
  - 30 and non-WLAN communications.
14. The method of claim 1 wherein said first call device and said second call device are the same.

15. The method of claim 1 wherein said first call device and said second call device are integrated as a single call device.
16. The method of claim 1 further comprising the step of dialing telephone number of said second call device after selecting said second call device.
- 5 17. The method of claim 1 further comprising the step of disconnecting said call from first call device after establishing said connection to said second call device.
18. The method of claim 1 wherein said hand-over threshold is reached when said call Internet Protocol connectivity is lost.
- 10 19. The method of claim 1 wherein said hand-over threshold is determined based on Radio Frequency signal strength of the active call.
20. The method of claim 1 wherein said hand-over is performed on-demand prior to reaching said hand-over threshold.
21. The method of claim 1 wherein said selection of said target device is performed by the caller.
- 15 22. The method of claim 20 wherein a user access code is used to perform said on-demand hand-over.
23. The method of claim 20 wherein a user access code is used to select telephony features for transfer from said original device to said target device.
- 20 24. The method of claim 1 wherein said call remains active after the hand-over is complete.
25. The method of claim 1 wherein one or more hand-overs are performed per call.
26. The method of claim 1 wherein a user associate personalized settings and telephony features with said hand-over devices.
- 25 27. The method of claim 1 wherein said call hand-over threshold is determine based on available resources in network of said target device.
28. The method of claim 1 wherein said call hand-over threshold is determined based on at least one of call priority or desired call Quality of Service of said call.
- 30 29. An apparatus for handing over an active call between a first call device and second call device, said apparatus comprising:

a detector circuit that detects hand-over threshold for said call;  
a selector indicator that automatically selects said second call device  
from a set of previously defined target hand-over devices; and  
a mobility server that establishes a connection to said target device  
upon acceptance of said call by said target device.

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30. The apparatus of claim 29 wherein said first call device is a non-WLAN device.

31. The apparatus of claim 29 wherein said first call device is a WLAN device.

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32. The apparatus of claim 29 further comprising a user interface for setting hand-over targets and preferences.

33. The apparatus of claim 29 wherein said user interface is provided via a dial up connection.

34. The apparatus of claim 29 wherein said user interface is provided via a personal computer.

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35. The apparatus of claim 29 further comprising a voice prompt generator for notifying other call party when said hand-over is in progress.

36. The apparatus of claim 29 wherein said first call device and said second call device are the same.